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7590 06/14/2005

EDWARDS & ANGELL, LLP

P.O. Box 9169

Boston, MA 02209

09/20/2005 NNGUYEN2 00000060 181850 10723219

01 FC:1501 1400.00 DA
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Deanna M. Rivernider

(Depositor's name)

Deanna Rivernider

(Signature)

September 14, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/723,219	11/26/2003	Hideki Tsuchida	51880	5528

TITLE OF INVENTION: METHOD FOR ELECTROLYTIC COPPER PLATING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/14/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WONG, EDNA	1753	205-098000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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1 **S. Matthew Cairns**

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Shipley Company, L.L.C.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Marlborough, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies **10**

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- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number **18-1850** (enclose an extra copy of this form).

5. Change In Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature

*S. Matthew Cairns*Date **09/14/2005**

Typed or printed name

S. Matthew CairnsRegistration No. **42,378**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)

Docket No.

51880

Applicant(s): Tsuchida et al.

SEP 19 2005

Serial No.

10/723,219

11/26/2003

Examiner

Edna Wong

Group Art Unit

1753

Confirmation No.

Invention: A PROCESS FOR COPPER ELECTROPLATING

Mail Stop Issue Fee
TO THE COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

☒ Issue Fee Transmittal Form PTOL-85☒ Utility Fee: \$1,400.00 ☐ Design Fee: _____ ☐ Plant Fee: _____☒ Publication Fee: \$ 300.00☐ A check in the amount of _____ is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 18-1850
as described below.☒ Charge the amount of \$1,730.00☒ Credit any overpayment.☒ Charge any additional fee required.

S. Matthew Cairns
Signature

Dated: 09/14/2005

S. Matthew Cairns (Reg. No. 42,378)
Rohm and Haas Electronic Materials LLC
455 Forest Street
Marlborough, MA 01752
(508) 229-7545

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Deanna M. Rivnider
Signature of Person Mailing Correspondence

Deanna M. Rivnider

Typed or Printed Name of Person Mailing Correspondence